

Abstract: (Figure 2)

The invention relates to an electromechanical drive or a sensor element composed of piezoelectric elements arranged in the form of a stack. The drive or the sensor element is intended for measurement instruments and operates even at very high temperatures.

The new drive or the new sensor element (10) for this purpose comprises a number of piezoelectric ceramic layers (12a-f), with electrode layers (16a-e) in each case being arranged between two mutually facing surfaces of directly adjacent piezoelectric ceramic layers. Connectors (18a,b) in the form of wires run in grooves (14a-d) in the electrode layers (16a-e) in order to make electrical contact with the electrode layers (16a-e), and are passed out of the electrode layers (16a-e).